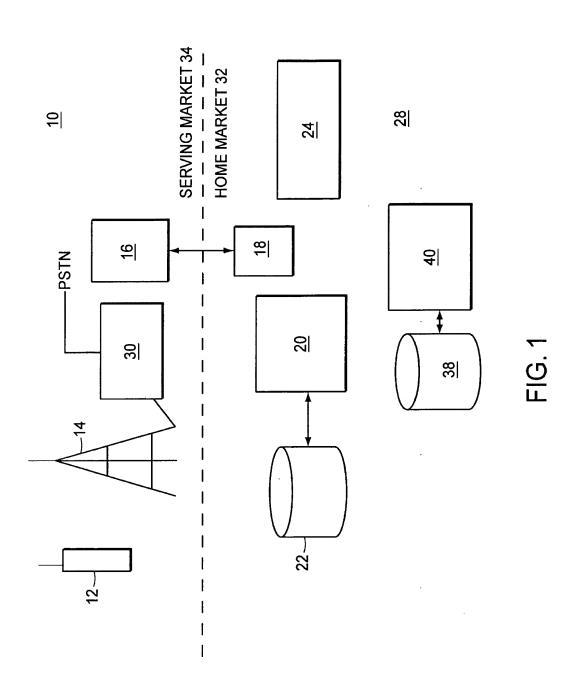


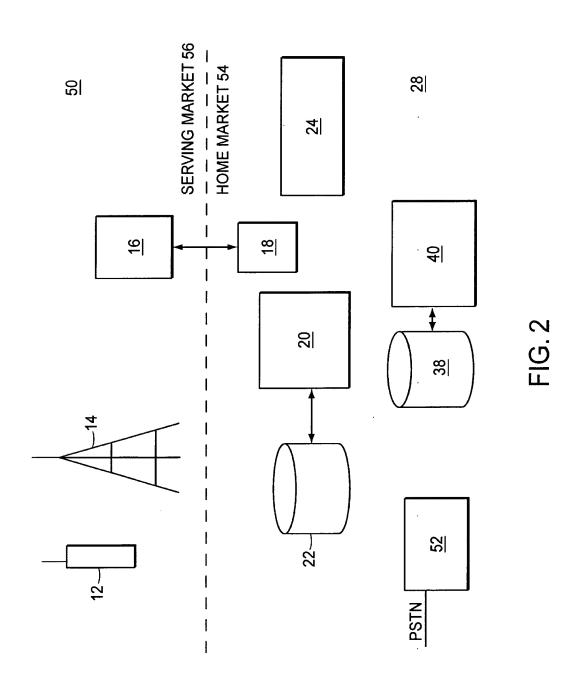
Title: CALL DELIVERY SYSTEMS FOR ROAMING PREPAID... Inventors: Paul Senn et al. Appl. No.: 09/449,001 Docket No.: BCGIR-009XX REPLACEMENT SHEET

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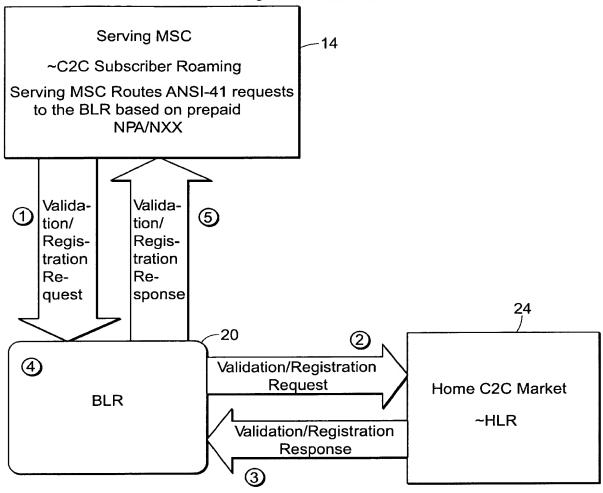
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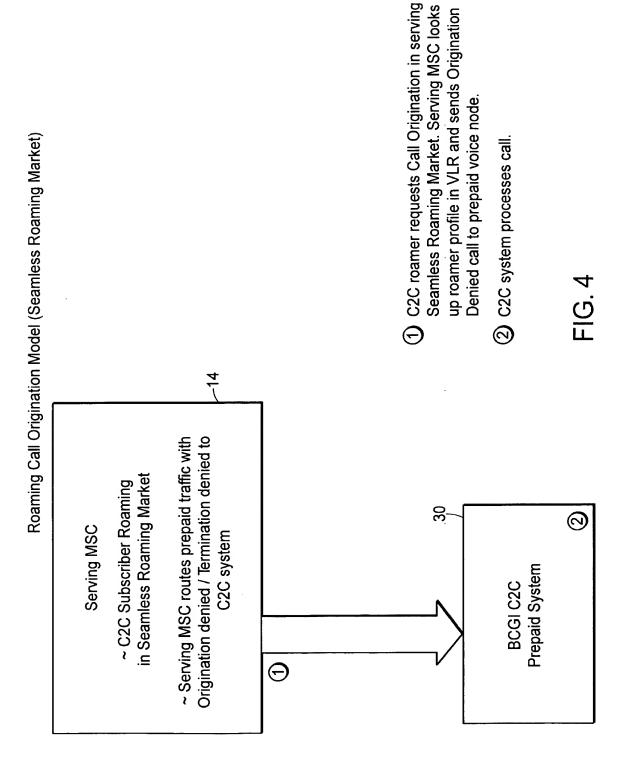
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Roamer registration and Verification Model



- ① C2C roamer requests registration in servicing MSC. Serving MSC requests caller's roaming profile from BLR based on prepaid NPA/NXX
- 2 BLR requests caller's roaming profile from the HLR
- 3 HLR returns roamer profile and then stores the subscriber's location
- The BLR will determine the Class of Market for the serving market. If it is a Hotline Roaming market, the BLR will return "Origination via hotline# & term. denied" to the serving MSC. If it is a Seamless Roaming market, the BLR will return "Origination denied and Termination denied" to the serving MSC.
- FIG. 3
- ⑤ BLR returns roamer profile to serving MSC.

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5/7 Roaming Call Origination Model (Hotline Roaming Market)

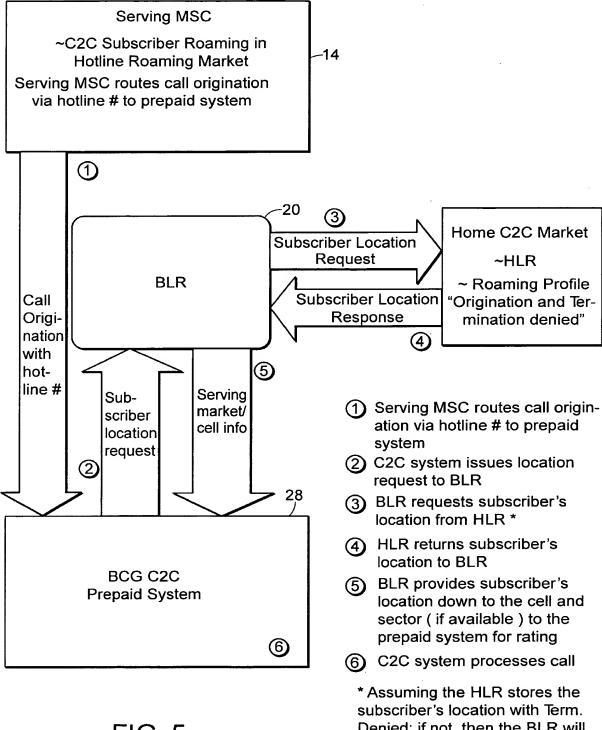
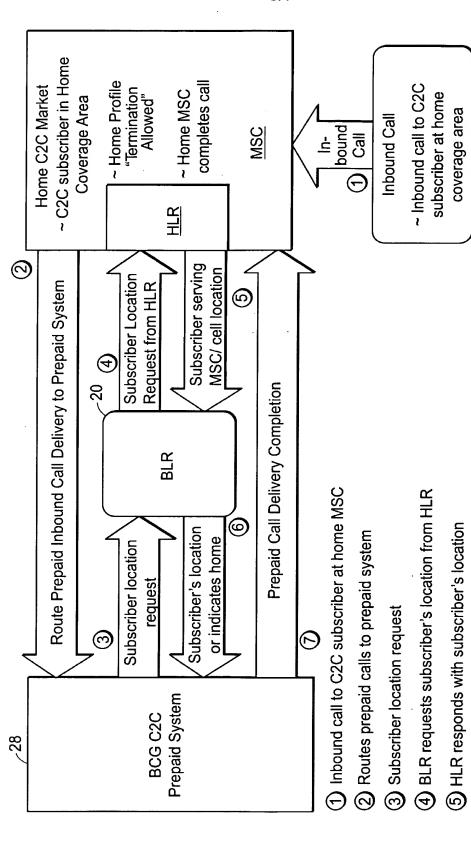


FIG. 5

Denied; if not, then the BLR will need to store the subscriber's location

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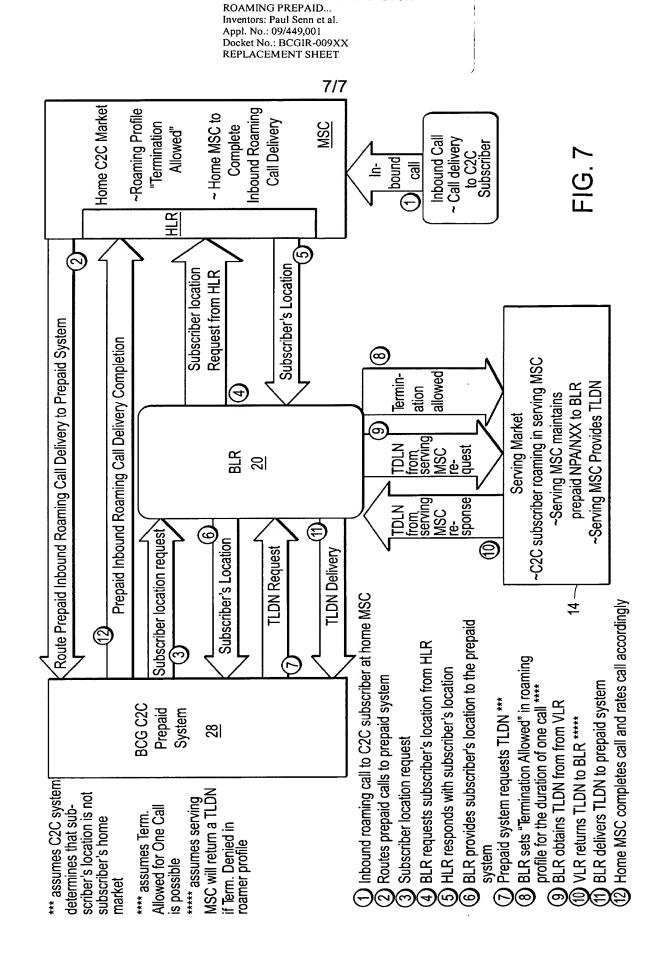


coverage area

** Assumes the C2C system determines that the subscriber's location is the (7) Home MSC completes call

subscriber's home market

BLR provides subscriber's location to the prepaid system **



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